

(Fw)

S/N 10/802,405

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Carter Moursund et al.	Examiner:	Unknown
Serial No.:	10/802,405	Group Art Unit:	3661
Filed:	March 17, 2004	Docket:	1137UA00USC1
Title:	METHOD AND SYSTEM FOR AUTOMATICALLY DETERMINING LINES OF SIGHT BETWEEN NODES		

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. Applicant believes that the U.S. Patent & Trademark Office has waived the requirement under 37 C.F.R. 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication. The waiver is provided in a pre-OG notice from the U.S. Patent & Trademark Office entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003" and dated July 11, 2003. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

INFORMATION DISCLOSURE STATEMENT

Serial No :10/802,405

Filing Date: March 17, 2004

Title: METHOD AND SYSTEM FOR AUTOMATICALLY DETERMINING LINES OF SIGHT BETWEEN NODES

Page 2

Dkt: 1137UA00USC1

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

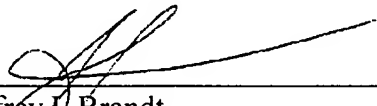
Respectfully submitted,

CARTER MOURSUND ET AL.

By their Representatives,

Customer No. 33893

Date 9-13-04

By 
Jeffrey L. Brandt
Reg. No. 31490
203-438-1077

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 13 day of September, 2004.

Emily Bates
Name

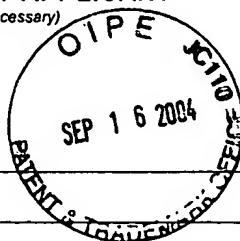
Emily Bates
Signature

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/802,405
Filing Date	March 17, 2004
First Named Inventor	Moursund, Carter
Group Art Unit	3661
Examiner Name	Unknown

Sheet 1 of 2

Attorney Docket No: 1137UA00USC1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-2002/0005972	01/17/2002	Bloom, Scott, et al.	359	172	05/16/2001
	US-2002/0051269	05/02/2002	Margalit, Shlomo, et al.	359	172	09/28/2001
	US-2002/0054411	05/09/2002	Heminger, Mark, et al.	359	159	08/27/2001
	US-2002/0054413 A1	05/09/2002	Shivnan, Aine	359	172	09/07/2001
	US-4,807,202	02/21/1989	Cherri, Allan, et al.	367	129	04/17/1986
	US-5,062,150	10/29/1991	Swanson, E. A., et al.	359	152	10/06/1989
	US-5,257,285	10/26/1993	Thorp, Stuart C.	375	11	08/08/1989
	US-5,257,405	10/26/1993	Reitberger, Peter	455	54.1	05/28/1991
	US-5,329,395	07/12/1994	Endo, K., et al.	359	159	12/23/1992
	US-5,475,520	12/12/1995	Wissinger, A. B.	359	172	06/22/1994
	US-5,631,653	05/20/1997	Reedy, Robert W.	G01 S	13/72	04/25/1996
	US-5,737,690	04/07/1998	Gutman, Jose	340	7.54	06/11/1995
	US-5,877,490	03/02/1999	Ramer, David P., et al.	250	206.1	08/07/1997
	US-5,983,068	11/09/1999	Tomich, John, et al.	455	3.1	02/29/1996
	US-5,999,299	12/07/1999	Chan, Victor, et al.	359	172	05/14/1998
	US-6,049,593	04/11/2000	Acampora, Anthony	379	56.2	12/19/1997
	US-6,070,051	05/30/2000	Astrom, Richard, et al.	455	12.1	11/03/1997
	US-6,104,981	08/15/2000	Louis, Christian, et al.	702	5	02/19/1998
	US-6,297,897	10/02/2001	Czichy, R. H., et al.	359	172	03/06/1998
	US-6,314,163	11/06/2001	Acampora, Anthony	379	56.2	03/16/2000
	US-6,323,980	11/27/2001	Bloom, Scott H.	359	159	03/05/1998

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
	GB-2111270	06/29/1983	Smythe, George E., et al.	G08 B	5/36	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/802,405
Filing Date	March 17, 2004
First Named Inventor	Moursund, Carter
Group Art Unit	3661
Examiner Name	Unknown

Sheet 2 of 2

Attorney Docket No: 1137UA00USC1

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		JUNGNICKEL, V., et al., "Wireless Infrared Communication using Adaptive Arrays", 4th ACTS Mobile Summit, Vol. 2, Sorrento, Italy, (1998), 979-984	
		PAKRAVAN, M.R., et al., "Indoor Wireless Infrared Channel Characterization by Measurements", IEEE Transaction, Vol. 50, Issue 4, (July 2001), 1053-1073	
		YOON, T., et al., "622 Mbit/s CMOS limiting amplifier with 40dB dynamic range", Electronics Letters, Vol. 32, No. 20, (9/26/1996), 1920-1922	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Carter Moursund et al.

Title: METHOD AND SYSTEM FOR AUTOMATICALLY DETERMINING LINES OF SIGHT
BETWEEN NODES

Docket No.: 1137UA00USC1

Filed: March 17, 2004

Examiner: Unknown



Serial No.: 10/802,405

Due Date: N/A

Group Art Unit: 3661

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

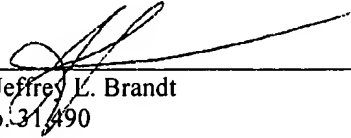
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

X A return postcard.

X An Information Disclosure Statement (2 pgs.), Form 1449 (2 pgs.), and copies of 4 cited documents.

Customer No. 33893

By: 
Name: Jeffrey L. Brandt
Reg. No. 31,490
JLB:eb

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 13 day of September, 2004.

Emily Bates
Name

Emily Bates
Signature

(GENERAL)